

Speed of opening, stability, descent rate

Inspection certificate number:

EP_385.2026

Test report

Manufacturer data

Manufacturer name: **X-dream Fly**
Representative: **Geri Roschmann**
Street: **Kraichen 63g**
Postcode / Place: **6653 Bach**
Country: **Austria**

Sample data

Name:	X-Two	Size:	155
Steerable ⁽¹⁾ :	No	Maximum weight in flight ⁽²⁾ [kg]:	155
Weight ⁽³⁾ [kg]:	1.625	Volume packed [cm ³]:	5700
Serial number:	TW16T06024TP		

Test result⁽⁴⁾

Test no. 1

Test no. 2

Measured opening time [s]:	3.48	2.48
Unsteerable parachute and steerable parachute with locked controls (if applicable)		
Measured sink rate [m/s] < 5.5:	5.48	5.41
Stability test:	Stable	Stable
Steerable parachute and steerable parachute with unlocked controls (if applicable)		
Measured sink rate [m/s] < 4.0:	n/a	n/a
Stability test:	n/a	n/a
Test of steerability:	n/a	n/a

Test data

Test no. 1

Test no. 2

Place of test:	Villeneuve	Villeneuve
Date of test:	08.12.2025	11.08.2026
Atmosphere AGL:		
	[°C] 11	23
	RH [%] 76	55
	[hPa] 973	973
	Wind [m/s] 0.4	0.1
Corrected mass with uncertainty (m _{corr}) [kg]:	151.73	145.62
If steerable with brake system		
Place of test:	n/a	n/a
Date of test:	n/a	n/a
Atmosphere AGL:		
	[°C] n/a	n/a
	RH [%] n/a	n/a
	[hPa] n/a	n/a
	Wind [m/s] n/a	n/a
Corrected mass with uncertainty (m _{corr}) [kg]:	n/a	n/a

Strength test - 40 m/s opening shock

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Postcode / Place: **6653 Bach**
Country: **Austria**

Sample data

Name:	X-Two	Size:	155
Steerable ⁽¹⁾ :	No	Maximum weight in flight ⁽²⁾ [kg]:	155
Weight ⁽³⁾ [kg]:	1.625	Volume packed [cm ³]:	5700
Serial number:	TW16S04016TP		

Test data

Test no. 1

Test no. 2

Place of test:	St-Cierges	St-Cierges
Date of test:	17.06.2025	17.06.2025
Maximum weight [kg]	155	155
Inspector:	Claude Thurnheer	Claude Thurnheer
Atmosphere AGL:		
[°C]	15	23
RH [%]	72	48
[hPa]	950	949
Wind [m/s]	4.9	8.1

Test results

Test no. 1

Test no. 2

Strength test (40m/s shock) :	POSITIVE	POSITIVE
Aircraft speed uncertainty K=2 [m/s] ⁽²⁾ :	2.9	2.9

Identification number: **MISC_018.2017****X-Dream Fly X-Triangle one size****Result summary**

Inner container strength test. Applied minimum 700 N for at least 10 seconds and at maximum strength.

Duration at the required strength: **7.6 [s]**The maximum strength before broken: **799.0 [N]**Place of declaration **Villeneuve**
Date of issue: **02.02.2017**
Managing director **Alain Zoller**

Signature:



This signature approve the validity of the test report, and can be included in the inspection certificate 71.5.1

Air Turquoise SA has thoroughly tested the sample of riser/bridle mentioned above and certifies its conformity with the standards: **EN 12491 | 2001 chapter 5.3.2 and LTF 91/09 chapter 6.1.8**

Instrument	Validity	Manufacturer	Type no.	S/N
Load Cell (axial)	01.06.2021	Burster GmbH (DE)	8431-10000	1185483
Winch	11.01.2018	Arwin	300/600	N/A
Geos n° 11 Skywatch	08.05.2017	JDC elec.	Geos n° 11	22

⁽¹⁾ Inner container: container of the folded emergency parachute.⁽²⁾ Inner container (the connection between handgrip and inner container) is loaded at min 700 [N] over 10 secondes. The deployment system is loaded until breaking. Each component is tested.⁽³⁾ Calculated value include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor $k = 2$. The value of the measurand lies within the assigned range of values with a probability of 95%.

Identification number: **MISC_066.2018****X-Dream Fly X-One****Result summary**

Maximum strength for riser, bridle

26062.9 [N]

Place of declaration

Villeneuve

Date of issue:

01.03.2018

Managing director

Alain Zoller

Signature:



This signature approve the validity of the test report, and can be included in the inspection certificate 71.5.1

Air Turquoise SA has thoroughly tested the sample of emergency parachute mentioned above and certifies its conformity with the standards: LTF NFL II 9/09 chapter 6.1.4

Instrument	Validity	Manufacturer	Type no.	S/N
Load sensor	14.10.2017	HBM	1-S9M/50KN-1	31314652
Geos n° 11 Skywatch	08.05.2017	JDC elec.	Geos n° 11	22

⁽¹⁾ Riser: lowest part of the parachute system, which is connected to harness. Bridle: connection between riser and harness, can also be a strap.⁽²⁾ The connecting strap has to have a minimum load capacity of 24000 [N]. The exposed part of the connecting belt has to be protected against environmental factors.⁽³⁾ Calculated value include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor $k = 2$. The value of the measurand lies within the assigned range of values with a probability of 95%.